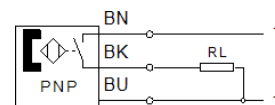
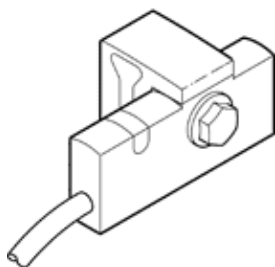


proximity sensor SMT-C1-PS-24V-K-10,0-OE

Part number: 571340

FESTO



Data sheet

| Feature | Value |
|--|--|
| Design | Block design |
| Based on the standard | EN 60947-5-2 |
| Authorisation | RCM Mark |
| CE mark (see declaration of conformity) | to EU directive for EMC in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Materials note | Conforms to RoHS Halogen-free |
| Instructions for use | Support / Actuator-sensor overview "The right sensor for the actuator" |
| Measured variable | Position |
| Measuring principle | Magnetic inductive |
| Ambient temperature | -20 ... 70 °C |
| Switch output | PNP |
| Switching element function | Normally open contact |
| Hysteresis | ≤ 2 mm |
| Switch-on time | ≤ 0.5 ms |
| Switch-off time | ≤ 0.5 ms |
| Max. output current | 200 mA |
| Max. contact rating DC | 6 W |
| Voltage drop | < 1.8 V |
| Inductive protective circuit | Adapted to MZ-, MY-, ME coils |
| Minimum load current | 0 mA |
| Residual current | < 0.1 mA |
| Short circuit strength | Pulsing |
| Overload withstand capability | Available |
| Nominal operating voltage DC | 24 V |
| Operating voltage range DC | 10 ... 30 V |
| Residual ripple | 10 % |
| Polarity protected | for all electrical connections |
| Electrical connection 1, connection type | Cable |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, number of pins/wires | 3 |
| Connector exit direction | axial |
| Cable length | 10 m |
| Cable sheath colour | Grey |
| Material cable sheath | TPE-O |
| Wire ends | Wire end ferrule |
| Mounting type | Clamped |
| Tightening torque | 1.2 Nm |
| Assembly position | Any |
| Product weight | 114.5 g |
| Housing colour | Black |
| Material housing | Wrought Aluminium alloy Nickel-plated brass PP |

| Feature | Value |
|--|---|
| | TPE-O TPE-U(PU) High alloy steel, non-corrosive |
| Operating status display | Yellow LED |
| Ambient temperature with flexible cable installation | -20 ... 70 °C |
| Protection class | IP65 IP68 to IEC 60529 |
| PWIS conformity | VDMA24364-B2-L |
| Food-safe | See Supplementary material information |